

USER MANUAL



BASE AIRLINK 2085

Characteristics



- Full duplex audio wideband
- Up to 4 portables devices can communicate with the aircraft station
- Removable battery pack
- Qualified for Europe, US, Brazi, Japan, T aiwan
- Compatible to all aircraft

Radio

Frequency range :	1870 - 1930 MHz (adjusted according to local regulation)
Transmit power :	EU:23 dBm; US/JPN:21 dBm
Receive sensitivity :	-93 -92 -89 dBm
Modulation :	GFSK 1.152 Mbaud
Modulation depth :	DECT GFSK bandwidth = 20 dB < 1,728 MHz
Range :	Up to 300 meters

Audio

Bandwidth :	150 Hz to 6500Hz at -3 dB
Base station input :	2,5 V to 5.5V Nominal RMS / 600 Ω
Base Station output :	250 mV Nominal RMS / 150 Ω

Environment

Using temperature :	-20 $^{\circ}$ C to +60 $^{\circ}$ C
Charging temperature :	0 to +45 $^{\circ}$ C
IP protection level :	IP64
On-concrete drop :	about 2 meters

Battery

Battery type:	2350mAh 3.7V Li-Ion
Battery life:	up to 20h

Dimension and weight

Dimension :	128x61x38mm
Weight :	300g

Range

Depending upon environment (obstacles...) the range is up to 300 meters (line of sight). Precautions are to be taken when placing the Aircraft Station on aircraft nose wheel, the station remains as much as possible in sight of the ground crew users to achieve optimal performance.

Guidelines

- Adjustments and maintenance should be done according to manufacturer instructions.
- Aircraft station can deteriorate with use, it is therefore advised to inspect them at regular intervals in order to detect any cracks or leaks, for example .
- This aircraft station is equipped with an audio-electric input device. The user should verify that it works properly before using it. If the user notices a distortion or a defect, he/she should refer to the manufacturer's instructions.

Product description

- The Globalsys Airlink 2085 aircraft base is designed to create wireless communication between an aircraft's flight deck and ground teams equipped with communication headsets. This user information is applicable to all versions.
- To ensure you get the best comfort, fit and function out of the product, it is important to read the instructions carefully and save them for future reference.
- Make sure to choose the correct product for your application.

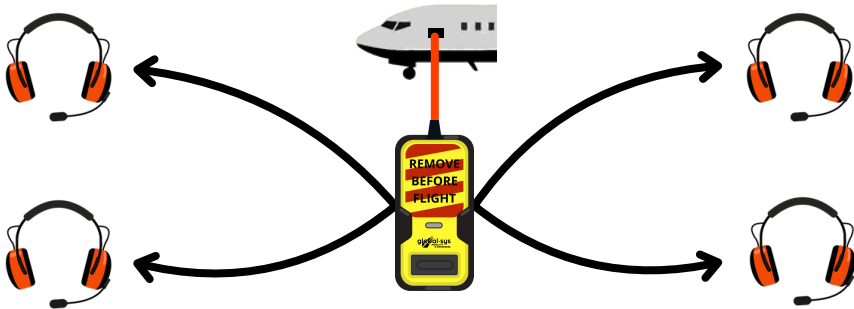
Storage

- When the aircraft base is not in use, keep it dry and clean, store them at normal room temperature and do not place them in direct sunlight.

Maintenance

- Clean and disinfect the protective bumper and the aircraft base itself with mild soap and water only. This product may be adversely affected by certain chemical substances. Further information should be sought from the manufacturer. Equipment lifetime depends of environment, type of usage and correct use. Exposure to extreme weather conditions can impact on headset lifetime, ie. prolonged exposure to the sun or contaminants in the environment.

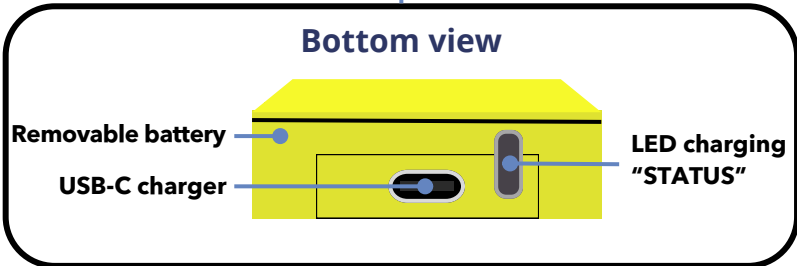
System structure



A base can connect up to 4 wireless headsets or beltpacks with the pilot of the aircraft.

Overview

Airlink 2085 aircraft base



How it works

ON / OFF



Press ON/OFF button during 3s to turn ON or OFF the unit.

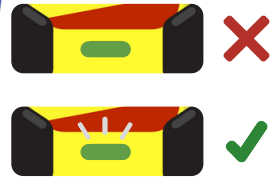
Battery autonomy



- Battery > 50 %
- Battery < 50 %
- Battery < 10 %

Battery can be charged through a USB-C cable or a rack charger.

LED "STATUS"



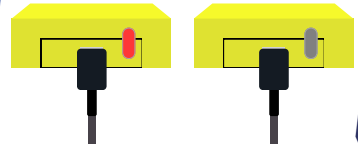
Static : no communication
Flashing : communication is established

Remove battery



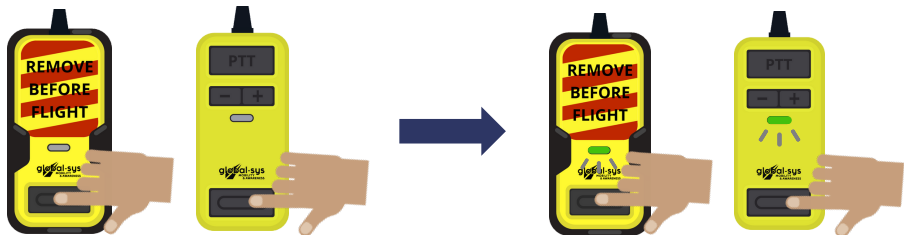
1. Remove the protective bumper from the aircraft station
2. Press the two lockers and slide the battery.

Battery charge



- Led red : battery is charging
- Led off : battery charged

Pairing (only first time)



Wait 10s after power on the devices to ensure units are not already paired (devices are already connected if LEDs flash on both unit)
If not, press ON/OFF button twice on each devices. LED will start flashing fast.
If LED flashes slowly on both units : pairing is done and communication is established.



GLOBALSYS

2b, avenue des coquelicots, 94380, Bonneuil-Sur-Marne

Phone : +331 43 99 42 17

Mail : sales@globalsys.fr

Website : www.global-sys.com